

Converting Colors

YIQ(240.5280, 6.2400, -24.9920)

Have a look what the booklet for
YIQ(240.5280, 6.2400, -24.9920)
contains.

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Color

**YIQ(240.5280, 6.2400,
-24.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFBF
RGB	231, 255, 191
RGB Percent	91%, 100%, 75%
CMY	0.0942, 0.0000, 0.2509
CMYK	0.09, 0.00, 0.25, 0.00
HSL	83°, 100%, 87%
HSV	83°, 25%, 100%
XYZ	78.1131, 92.2672, 62.9935
YIQ	240.5280, 6.2400, -24.9920

Conversions

Conversions Part 2

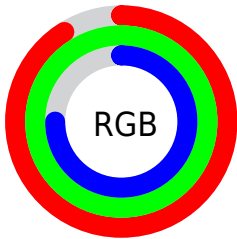
Format	Color
RYB	191, 255, 215
Decimal	15204287
CIELab	96.93, -18.42, 28.05
CIElCh	97, 33.562, 123.289
Yxy	92.2672, 0.3347, 0.3954
Android (android.graphics.Color)	4293394367 (0xFFE7FFBF)
YUV	240.5280, -24.4173, -8.3561
Hunter-Lab	96.0558, -22.9406, 28.3566

Details

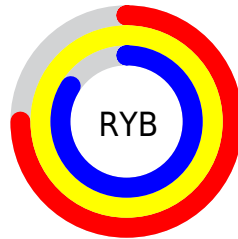
The YIQ color $240.5280, 6.2400, -24.9920$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $205.4720, -6.2400, 24.9920$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.2020, 2.2470, -2.1770$, and $184.1690, 5.8730, -23.8470$ is the 20% darker color. If you saturate the color by 10%, you get $234.6880, 8.3050, -34.8870$, and if you desaturate by 10%, it is $246.4820, 3.8540, -14.7860$.

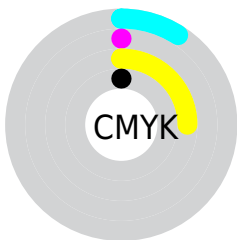
Distribution



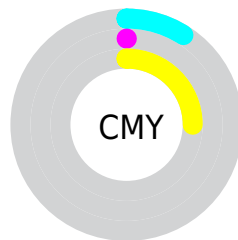
- Red (91%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.5280, 6.2400, -24.9920 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 240.5280, 6.2400, -24.9920 by changing the saturation by 10% instead.


 240.5280, 6.2400,
-24.9920

 240.5280, 6.2400,
-24.9920

255.0000, -0.0000,
-0.0000

 212.0550, 6.1940,
-24.1580


 254.2020, 2.2470,
-2.1770

 184.1690, 5.8730,
-23.8470

 157.2830, 5.5520,
-23.5360

 130.9240, 5.1850,
-22.3910

 105.7390, 4.2680,
-22.2920

 81.2660, 4.2220,
-21.4580

 57.3800, 3.9010,

-21.1470

■ 36.2490, 2.8920,
-19.3800

■ 16.4360, -7.7000,
-14.6440

■ 240.5280, 6.2400,
-24.9920

■ 240.5280, 6.2400,
-24.9920

■ 234.6880, 8.3050,
-34.8870

■ 246.4820, 3.8540,
-14.7860

■ 229.0330, 11.2870,
-44.8810

■ 252.0230, 1.1930,
-5.1030

■ 223.1930, 13.3520,
-54.7760

■ 255.0000, -0.0000,
-0.0000

■ 217.5380, 16.3340,
-64.7700

■ 211.6980, 18.3990,
-74.6650

■ 206.0430, 21.3810,
-84.6590

■ 200.2030, 23.4460,
-94.5540

■ 197.2260, 24.6390,
-99.6570

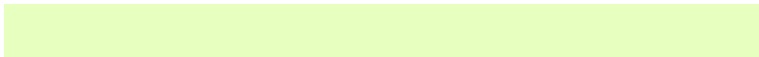
Harmonies

Analogous

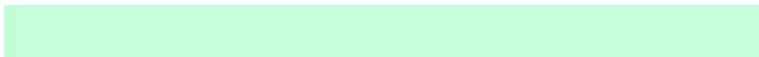
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6940, 26.5040, -17.7840



240.5280, 6.2400, -24.9920



232.3150, -23.8370, -25.0610

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5280, 6.2400, -24.9920



229.2860, -51.2560, -18.2320



234.3750, 12.6060, 13.8380

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240.5280, 6.2400, -24.9920



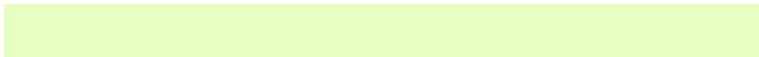
205.4720, -6.2400, 24.9920

Split Complementary

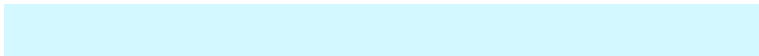
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 7.7000, 14.6440



240.5280, 6.2400, -24.9920



237.7350, -24.2990, -5.6670

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



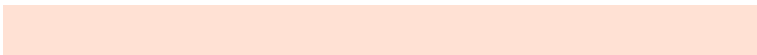
240.5280, 6.2400, -24.9920



223.6050, -62.5800, -22.2600



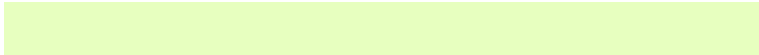
244.4340, 4.9500, 9.4140



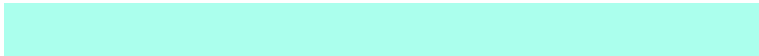
232.4880, 22.0530, 2.3170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.5280, 6.2400, -24.9920



227.8320, -44.2860, -23.4060



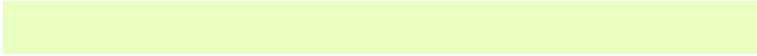
244.4340, 4.9500, 9.4140



236.2160, 8.8000, 16.7360

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



240.5280, 6.2400, -24.9920



250.3280, 1.6520, -7.9160



223.6370, 31.8190, 1.5390



125.0230, 1.1930, -5.1030



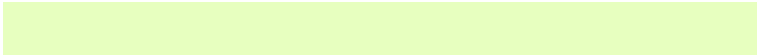
0.0000, 0.0000, 0.0000



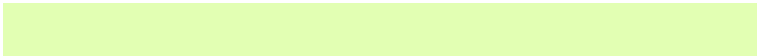
128.0000, -0.0000, -0.0000

Same Dimension

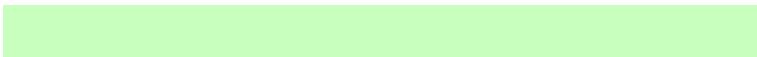
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.5280, 6.2400, -24.9920



237.6650, 7.1120, -29.7840



231.2590, -12.2360, -31.5640



125.0230, 1.1930, -5.1030



147.6980, 18.3990, -74.6650



49.5280, 6.2400, -24.9920

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



205.4720, -6.2400, 24.9920



196.0360, -7.7080, 29.5720



214.7410, 12.2360, 31.5640



117.9770, -1.1930, 5.1030



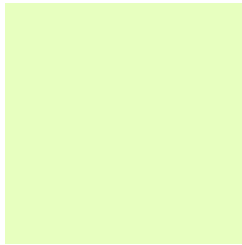
43.3020, -18.3990, 74.6650



14.4720, -6.2400, 24.9920

Previews

White Background



This preview shows how the YIQ color 240.5280, 6.2400, -24.9920 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 240.5280, 6.2400, -24.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

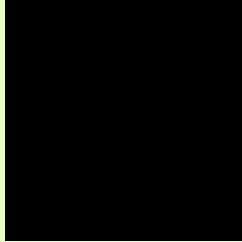
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

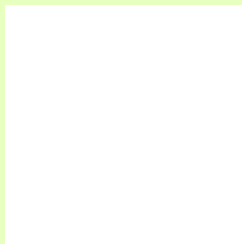
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.5280, 6.2400, -24.9920

Background



This preview shows how black text looks on a background with the YIQ color 240.5280, 6.2400, -24.9920.



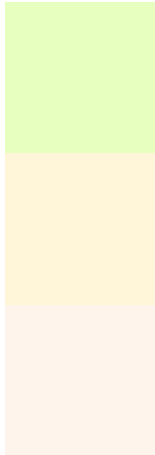
This preview shows how white text looks on a background with the YIQ color 240.5280, 6.2400, -24.9920.

-24.9920.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

240.5280, 6.2400, -24.9920

Protanopia

245.3850, 14.6730, -7.1110

Deuteranopia

246.3770, 9.1240, -0.1560

Tritanopia

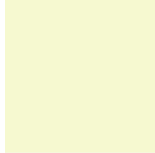
246.4280, -4.0810, 2.3750

Trichromacy



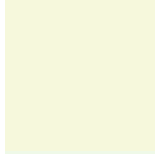
Original Color

240.5280, 6.2400, -24.9920



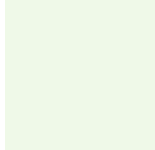
Protanomaly

243.4290, 11.3730, -13.3870



Deuteranomaly

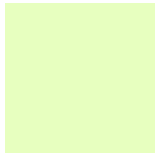
244.2100, 7.7960, -9.1320



Tritanomaly

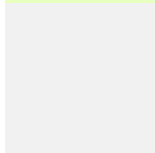
244.0720, -0.5030, -7.4070

Monochromacy



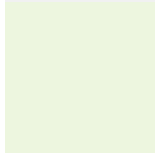
Original Color

240.5280, 6.2400, -24.9920



Achromatopsia

241.0000, -0.0000, -0.0000



Achromatomaly

240.6870, 2.0190, -9.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.5280, 6.2400, -24.9920 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 191) }
```

Border

The CSS property to change the border of an element to YIQ 240.5280, 6.2400, -24.9920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 255, 191) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 255, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 240.5280, 6.2400, -24.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
255, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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